

# **THE LABOUR FORCE**

## **MAY 1978**

Catalogue No. 6203.0

**AUSTRALIAN BUREAU OF STATISTICS Canberra**

# INQUIRIES

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## EXPLANATORY NOTES

**Introduction**

This bulletin contains estimates of the civilian labour force derived from the population survey, which is now conducted monthly. Until February 1978, surveys were conducted in February, May, August and November each year.

2. A summary of the survey results is published in advance of this more detailed bulletin in *The Labour Force (Preliminary)* (6202.0). Preliminary unemployment estimates are also issued in advance of this publication in *Unemployment, Preliminary Estimates* (6201.0).

3. Although emphasis in the survey is placed on the regular collection of data on demographic and labour force characteristics of the population, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from supplementary surveys are published in bulletins which are available free on request. A list of titles is given on page 23.

**The population survey**

4. The survey is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers, the interviews being conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week). Before February 1978 the interviews were spread over four weeks, chosen so that the survey weeks generally fell within the limits of the calendar month.

**Scope**

5. The survey includes all persons aged fifteen years and over except :

- (a) members of the permanent defence forces
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations
- (c) non-Australians on tour or holidaying in Australia, and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

**Definitions**

6. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during the survey week. The following definitions relate only to those persons within the scope of the survey.

7. *Employed persons* comprise all those aged 15 years and over who, during the survey week :

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helper); or
- (c) were employees who had a job but were not at work and were : on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers or self-employed persons who had a job, business or farm, but were not at work.

8. *Unemployed persons* are those aged 15 years and over who were not employed during the survey week, and

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and :
  - (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
  - (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then;
- or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

9. *Unemployed persons looking for first job* are those who had never worked for two weeks or more in a full-time job.

10. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

11. The *labour force* comprises all persons who, during the survey week, were employed or unemployed, as defined in paragraphs 7 and 8.

12. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions.

13. *Full-time workers* are those who usually work 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during the survey week. *Part-time workers* are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

14. *Hours of work.* The figures of aggregate hours and of average hours refer to actual hours worked during the survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown etc. When hours of work are recorded fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the survey week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the survey week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are therefore excluded from the calculation.

15. *Persons not in the labour force* are those who, during the survey week, were not in the categories 'employed' or 'unemployed'. This category includes persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions, trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation, provided they had not actively looked for work in the four weeks up to the end of the survey week, and

(a) in the survey week :

- (i) were without a job, business or farm; or
- (ii) had worked for less than one hour for pay, profit, commission or payment in kind; or
- (iii) had worked for less than 15 hours without pay in a family business or farm;

or (b) had been stood down without pay for four weeks or more up to the end of the survey week.

16. Although the wording of the above definitions of employed persons and unemployed persons is different from that appearing in issues of this bulletin prior to February 1978, the changes were made mainly for clarity; they do not signify any change of substance in the definitions, which still conform to the international standard definitions specified by the I.L.O.

#### Classification of industry and occupation

17. Industry is classified according to the *Australian Standard Industrial Classification* (ASIC) and occupation according to the *Classification and Classified List of Occupations, Revised June 1971*.

#### Revision of series

18. Because survey estimates for February 1978 and subsequent months are based on revised population estimates derived from the results of the 1976 Population Census and were obtained by using a new sample and revised questionnaire, they are not comparable with those in issues of this publication prior to February 1978.

19. In order to provide a series for earlier periods as comparable as possible with the February 1978 estimates, the survey estimates for August 1976 to November 1977 have been revised. Information concerning the methods used in the revision was given in the February 1978 issue.

20. *Population benchmarks.* The population survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population by age and sex. As a consequence, whenever these population "benchmarks" are revised it becomes necessary to revise the labour force estimates also.

21. The survey estimates for the period from August 1976 have been revised by using population benchmarks based on the results of the 1976 Population Census, adjusted for underenumeration. For information concerning these population estimates see *Population and Vital Statistics (Preliminary) : December Quarter 1976* (3211.0).

22. *The new sample and revised questionnaire.* The new sample was selected in order to reflect the changes in the distribution of the population shown by the 1976 Population Census results. The questionnaire, which had undergone little change since 1960 except for the inclusion in 1975 of additional questions on job-seeking, was revised to provide more accurate and more detailed information concerning the labour force.

23. Copies of both the current questionnaire and the one previously used, together with a description of the main features of the questionnaire, are contained in *Information Paper : Questionnaires used in the Labour Force Survey* (6232.0) issued on 17 March 1978.

#### Comparability of series

24. When comparing estimates for February 1978 and subsequent months with those for earlier periods it should be noted that with the introduction of monthly surveys the interviews are now conducted during a

two-week period, whereas formerly the period was four weeks. (See paragraph 4.) This change of timing may affect the level of the figures for any month, but particularly for months such as February, during which unemployment may be changing rapidly.

25. As explained in paragraph 18 the estimates in this bulletin are not comparable with those shown in issues prior to February 1978. Revised figures for periods before August 1976 will be published as soon as they become available.

26. Discontinuities in earlier series are explained in issues of this bulletin prior to February 1978.

#### Reliability of the estimates

27. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. An indication of the likely differences is given in the Technical Note, page 21.

#### Differences between population census and population survey estimates

28. The results of the 1971 population census, which have been published in a series of bulletins entitled *Summary of Population* (2221.0–2229.0), show that the census labour force estimates differ substantially from the corresponding estimates derived from the population surveys of May and August 1971.

29. The labour force definition used in the population census is similar to that used in the survey (see paragraphs 6 to 16). However, evidence from census post-enumeration surveys indicates that the personal interview approach, as used in the population survey, tends to identify a larger number of persons as being in the labour force than does the filling in of the questions on the census schedule by the householder, and that this tendency increased between the 1966 and 1971 censuses.

30. These considerations should be borne in mind if comparisons of the total labour force or of labour force participation rates are made between the 1971 census and the 1971 labour force survey estimates.

#### Seasonally adjusted estimates

31. The move to the higher level of unemployment since 1974 appears to have been accompanied by shifts in the pattern of seasonal variation. For this reason the publication of seasonally adjusted figures of unemployment has been suspended. The matter will be kept under review.

32. Seasonally adjusted figures of employed persons, the labour force and labour force participation rates are shown in Table 6. These estimates will continue to be published at quarterly intervals. Calculation of seasonally adjusted monthly figures will not be possible until survey results for two or three years are available.

#### Additional tables

33. Certain tables are included in only some issues of this bulletin, as shown below.

##### *February, May, August and November –*

Average weekly hours worked : Industry and occupation

Employed married women : Industry and hours worked

Unemployment rates : Industry and occupation

Seasonally adjusted series.

The following tables are available for February, May, August and November but are published only for the months shown.

##### *February –*

Employed persons –

Industry and marital status

Industry and birthplace

Occupation and marital status

Occupation and birthplace.

##### *May –*

Employed persons : Occupation – major and minor groups.

##### *August –*

Employed persons : Industry by occupation.

#### Related publications

34. Users may also wish to refer to the following publications which are available on request :

*Unemployment : Preliminary Estimates* (6201.0)

*The Labour Force (Preliminary)* (6202.0)

*Information Paper : Questionnaires used in the Labour Force Survey* (6232.0)

*Employment and Unemployment* (6213.0)

Publications listed on page 23.

All publications produced by the ABS are listed in *Catalogue of Publications 1977* (1101.0), which is available free of charge from any ABS office.

#### Symbols and other usages

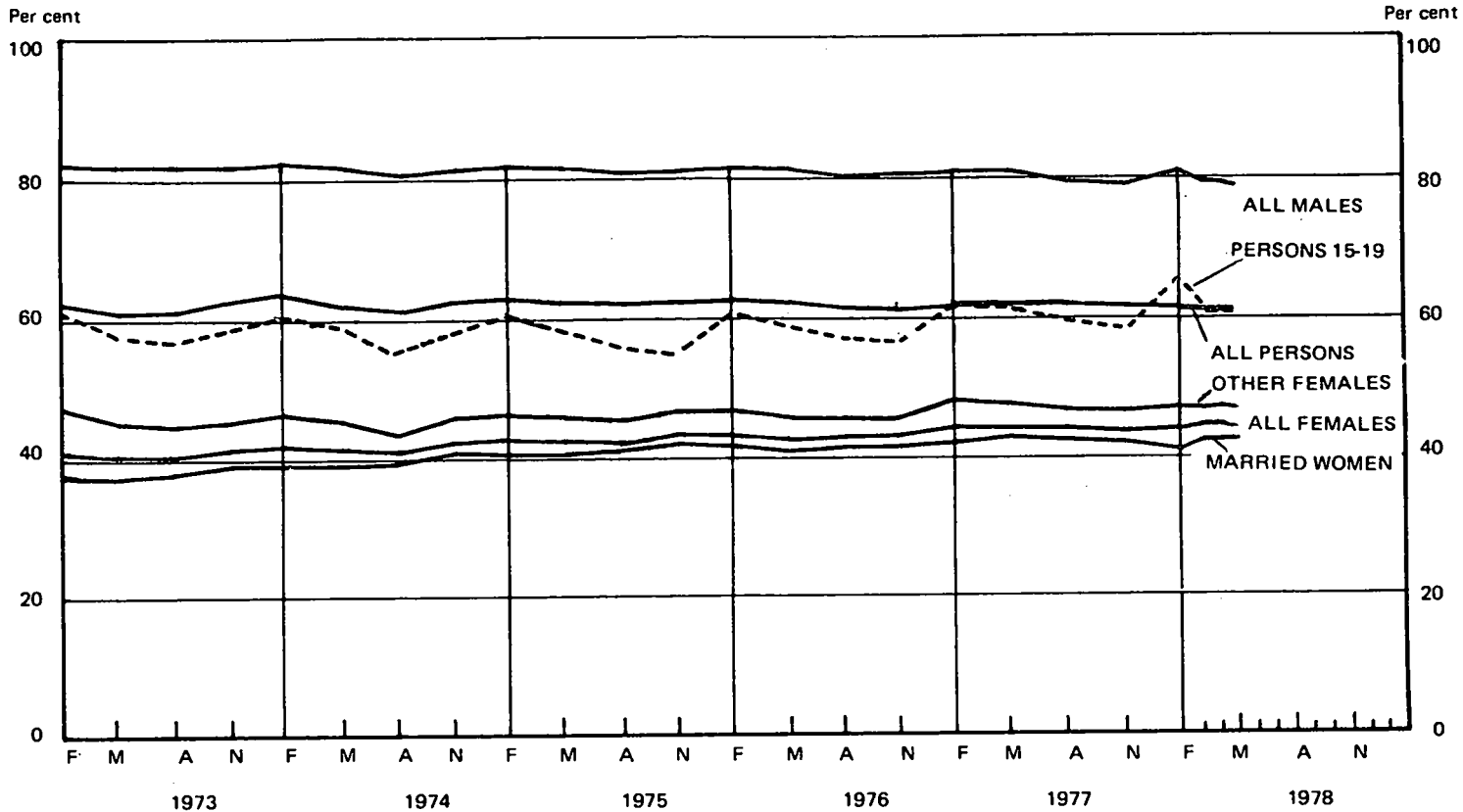
- \* Subject to sampling variability too high for most practical uses. See paragraph 5, page 21.
- † Affected by industrial dispute.
- .. Figures not available or not applicable.
- n.e.c. Not elsewhere classified.

Any discrepancies between totals and sums of components in tables are due to rounding.

**R. J. CAMERON**  
Australian Statistician

# LABOUR FORCE PARTICIPATION RATES

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER IN THE SAME GROUP)



NOTE. From February 1978 the population survey has been conducted monthly. Previously, surveys were conducted in February, May, August and November each year.

# UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

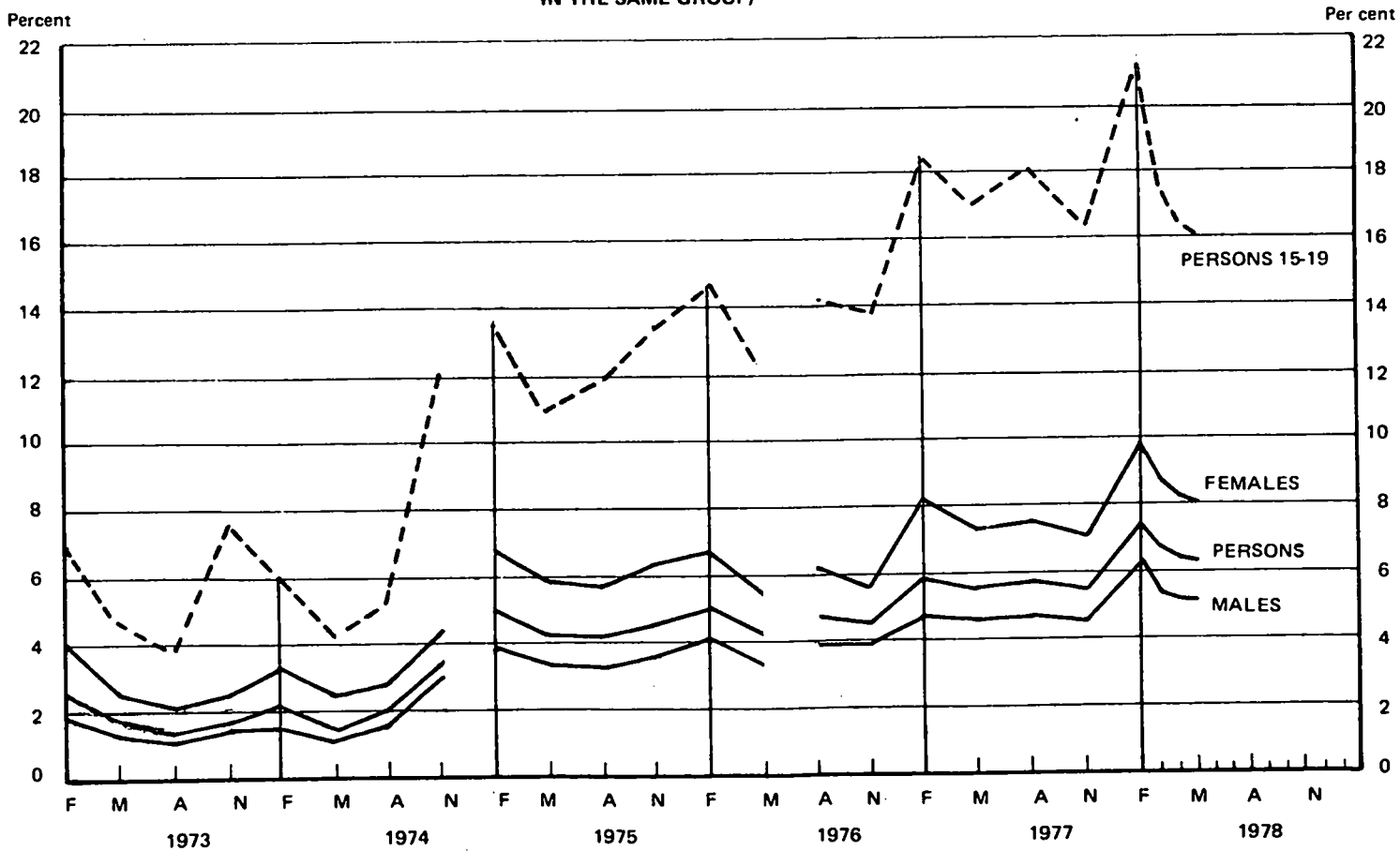


TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER (a), BY EMPLOYMENT STATUS

Month	Unemployed (a)								Civilian population aged 15 years and over (a)	Unemployment rate (a)	Participation rate (a)
	Employed (a)	Looking for full-time work		Looking for part-time work	Total	Labour force (a)	Not in labour force (a)				
		Aged 15-19 years looking for first job (a)	Total								
- '000 -											
- per cent -											
MALES											
1977 -											
February	3,890.2	21.8	166.1	20.0	186.1	4,076.2	963.1	5,039.4	4.6	80.9	
May	3,891.5	13.4	163.0	21.7	184.7	4,076.2	985.8	5,062.0	4.5	80.5	
August	3,866.8	12.6	168.5	21.6	190.1	4,056.9	1,024.9	5,081.8	4.7	79.8	
November	3,867.3	16.2	165.1	18.0	183.1	4,050.4	1,055.7	5,106.1	4.5	79.3	
1978 -											
February (b)	3,857.4	40.2	235.4	19.5	255.0	4,112.4	1,023.2	5,135.6	6.2	80.1	
March	3,870.1	26.1	200.2	17.3	217.6	4,087.6	1,056.6	5,144.2	5.3	79.5	
April	3,867.7	21.9	196.2	14.6	210.9	4,078.5	1,073.9	5,152.4	5.2	79.2	
May	3,863.5	18.0	194.8	14.4	209.1	4,072.6	1,087.2	5,159.8	5.1	78.9	
Standard error (c) of -											
May estimates	14.0	1.5	4.0	1.4	4.2	14.3	8.2	..	0.1	0.3	
April to May movement	8.0	1.8	3.6	1.6	3.7	8.1	5.8	..	0.1	0.2	
MARRIED WOMEN											
1977 -											
February	1,355.5	*	42.2	40.5	82.8	1,438.3	1,963.3	3,401.6	5.8	42.3	
May	1,382.0	*	42.7	31.9	74.6	1,456.6	1,950.4	3,407.0	5.1	42.8	
August	1,374.5	*	42.0	34.7	76.8	1,451.2	1,953.5	3,404.7	5.3	42.6	
November	1,368.9	*	34.4	33.4	67.7	1,436.6	1,963.7	3,400.3	4.7	42.3	
1978 -											
February (b)	1,320.9	*	53.2	39.6	92.8	1,413.6	1,994.4	3,408.1	6.6	41.5	
March	1,352.8	*	50.7	37.6	88.3	1,441.1	1,958.2	3,399.3	6.1	42.4	
April	1,354.0	*	47.5	35.4	82.9	1,437.0	1,956.2	3,393.2	5.8	42.4	
May	1,356.5	*	49.8	34.1	83.9	1,440.4	1,958.7	3,399.1	5.8	42.4	
Standard error (c) of -											
May estimates	9.0	..	2.3	2.0	2.9	9.2	10.5	..	0.2	0.3	
April to May movement	6.2	..	2.3	2.1	2.8	6.3	6.8	..	0.2	0.2	
ALL FEMALES											
1977 -											
February	2,095.1	27.2	124.4	61.8	186.2	2,281.3	2,874.0	5,155.3	8.2	44.3	
May	2,132.7	16.1	112.8	56.3	169.1	2,301.8	2,878.4	5,180.2	7.3	44.4	
August	2,128.6	17.5	114.8	54.4	169.2	2,297.8	2,904.3	5,202.1	7.4	44.2	
November	2,128.2	16.8	112.4	51.4	163.7	2,291.9	2,935.3	5,227.2	7.1	43.8	
1978 -											
February (b)	2,074.8	40.5	160.3	61.8	222.1	2,296.9	2,961.8	5,258.7	9.7	43.7	
March	2,117.8	30.7	145.4	57.3	202.7	2,320.5	2,947.5	5,268.0	8.7	44.0	
April	2,136.1	24.5	137.3	53.0	190.3	2,326.4	2,951.7	5,278.0	8.2	44.1	
May	2,135.3	23.9	136.8	49.3	186.2	2,321.4	2,964.5	5,285.9	8.0	43.9	
Standard error (c) of -											
May estimates	11.0	1.7	3.5	2.3	4.0	11.3	12.5	..	0.2	0.2	
April to May movement	7.0	1.9	3.2	2.4	3.6	7.1	7.5	..	0.2	0.1	
PERSONS											
1977 -											
February	5,985.2	49.0	290.5	81.8	372.3	6,357.5	3,837.1	10,194.6	5.9	62.4	
May	6,024.2	29.5	275.8	78.0	353.8	6,378.0	3,864.2	10,242.2	5.5	62.3	
August	5,995.4	30.1	283.3	76.0	359.3	6,354.7	3,929.2	10,283.9	5.7	61.8	
November	5,995.4	33.0	277.4	69.4	346.8	6,342.2	3,991.0	10,333.2	5.5	61.4	
1978 -											
February (b)	5,932.3	80.6	395.8	81.3	477.0	6,409.3	3,985.0	10,394.3	7.4	61.7	
March	5,987.9	56.8	345.7	74.6	420.3	6,408.1	4,004.1	10,412.2	6.6	61.5	
April	6,003.8	46.5	333.5	67.6	401.1	6,404.9	4,025.6	10,430.5	6.3	61.4	
May	5,998.7	41.8	331.6	63.7	395.3	6,394.0	4,051.7	10,445.7	6.2	61.2	
Standard error (c) of -											
May estimates	16.7	2.2	5.0	2.6	5.4	17.0	14.2	..	0.1	0.2	
April to May movement	8.9	2.3	4.2	2.7	4.5	9.1	8.1	..	0.1	0.1	

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) First of monthly series. See paragraph 4 for details of change in timing of the survey. (c) For information on standard errors see Technical Note, page 21.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 2. CIVILIAN POPULATION AGED 15 YEARS AND OVER (a), BY EMPLOYMENT STATUS AND MARITAL STATUS, MAY 1978

	Employed (a)	Unemployed (a)		Total	Labour force (a)	Not in labour force (a)	Civilian population aged 15 years and over (a)	Unemploy- ment rate (a)	Participa- tion rate (a)
		Looking for full-time work	Looking for part-time work						
				- '000 -				- per cent -	
Males -									
Married	2,744.5	76.8	*	79.3	2,823.8	577.0	3,400.8	2.8	83.0
Other (b)	1,119.0	118.0	11.8	129.8	1,248.9	510.1	1,759.0	10.4	71.0
Total	3,863.5	194.8	14.4	209.1	4,072.6	1,087.2	5,159.8	5.1	78.9
Females -									
Married	1,356.5	49.8	34.1	83.9	1,440.4	1,958.7	3,399.1	5.8	42.4
Other (b)	778.8	87.0	15.2	102.3	881.0	1,005.8	1,886.8	11.6	46.7
Total	2,135.3	136.8	49.3	186.2	2,321.4	2,964.5	5,285.9	8.0	43.9
Persons	5,998.7	331.6	63.7	395.3	6,394.0	4,051.7	10,445.7	6.2	61.2

For footnotes see below.

TABLE 3. CIVILIAN POPULATION AGED 15 YEARS AND OVER (a), BY EMPLOYMENT STATUS, STATES AND TERRITORIES, MAY 1978

State or Territory	Employed (a)	Unemployed (a)		Total	Labour force (a)	Not in labour force (a)	Civilian population aged 15 years and over (a)	Unemploy- ment rate (a)	Participa- tion rate (a)
		Looking for full-time work	Looking for part-time work						
				- '000 -				- per cent -	
MALES									
N.S.W.	1,347.0	66.8	5.2	72.0	1,419.0	401.6	1,820.5	5.1	77.9
Vic.	1,045.3	42.1	*	45.6	1,091.0	282.2	1,373.2	4.2	79.4
Qld	574.7	37.8	*	39.9	614.5	171.6	786.2	6.5	78.2
S.A.	355.0	22.2	*	23.5	378.5	94.9	473.4	6.2	80.0
W.A.	343.3	15.1	*	16.2	359.6	87.0	446.6	4.5	80.5
Tas.	109.3	6.5	*	6.5	115.9	32.9	148.8	5.6	77.9
N.T.	31.8	1.7	*	1.7	33.5	7.0	40.6	5.2	82.6
A.C.T.	57.1	2.7	*	3.6	60.7	9.9	70.6	5.9	86.0
Australia	3,863.5	194.8	14.4	209.1	4,072.6	1,087.2	5,159.8	5.1	78.9
FEMALES									
N.S.W.	745.1	49.6	15.6	65.2	810.3	1,073.6	1,883.9	8.0	43.0
Vic.	592.3	36.7	17.3	54.0	646.3	774.4	1,420.7	8.4	45.5
Qld	298.2	20.3	6.4	26.8	324.9	473.9	798.8	8.2	40.7
S.A.	200.9	13.7	3.1	16.7	217.6	270.8	488.4	7.7	44.6
W.A.	188.5	11.6	4.7	16.3	204.8	232.9	437.7	8.0	46.8
Tas.	55.4	3.1	*	4.3	59.7	91.5	151.2	7.2	39.5
N.T.	15.0	*	*	*	16.1	15.8	31.9	*	50.4
A.C.T.	39.8	*	*	1.9	41.7	31.6	73.3	4.5	56.9
Australia	2,135.3	136.8	49.3	186.2	2,321.4	2,964.5	5,285.9	8.0	43.9
PERSONS									
N.S.W.	2,092.1	116.4	20.8	137.2	2,229.3	1,475.2	3,704.5	6.2	60.2
Vic.	1,637.7	78.7	20.9	99.6	1,737.3	1,056.6	2,793.9	5.7	62.2
Qld	872.9	58.1	8.5	66.6	939.5	645.5	1,585.0	7.1	59.3
S.A.	555.9	35.8	4.4	40.2	596.1	365.6	961.8	6.7	62.0
W.A.	531.8	26.7	5.8	32.6	564.4	319.9	884.3	5.8	63.8
Tas.	164.7	9.6	*	10.8	175.5	124.4	300.0	6.2	58.5
N.T.	46.8	2.4	*	2.8	49.6	22.9	72.4	5.6	68.4
A.C.T.	96.9	3.8	1.7	5.5	102.4	41.5	143.9	5.3	71.2
Australia	5,998.7	331.6	63.7	395.3	6,394.0	4,051.7	10,445.7	6.2	61.2

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Never married, widowed and divorced.

\* Subject to sampling variability too high for most practical uses. See paragraph 5, page 21.



TABLE 4. CIVILIAN POPULATION AGED 15 YEARS AND OVER (a), BY EMPLOYMENT STATUS, STATE CAPITAL CITIES, MAY 1978

STATISTICS ON UNEMPLOYMENT 1970									
Capital City	Employed (a)	Unemployed (a)		Total	Labour force (a)	Not in labour force (a)	Civilian population aged 15 years and over (a)	Unemployment rate (a)	Participation rate (a)
		Looking for full-time work	Looking for part-time work						
				- '000 -					
- per cent -									
MALES									
Sydney	856.2	40.9	*	44.9	901.0	249.6	1,150.7	5.0	78.3
Melbourne	746.6	28.2	*	31.1	777.6	203.1	980.7	4.0	79.3
Brisbane	266.6	16.2	*	17.1	283.7	78.5	362.2	6.0	78.3
Adelaide	250.1	16.9	*	17.8	267.9	73.1	341.0	6.7	78.6
Perth	228.1	11.9	*	12.6	240.8	65.5	306.3	5.2	78.6
Hobart	44.1	2.6	*	2.6	46.7	13.3	60.0	5.5	77.9
Total	2,391.6	116.7	9.4	126.1	2,517.7	683.0	3,200.7	5.0	78.7
FEMALES									
Sydney	520.1	29.0	10.0	39.0	559.1	665.2	1,224.3	7.0	45.7
Melbourne	445.8	26.5	13.7	40.2	486.0	541.7	1,027.7	8.3	47.3
Brisbane	150.9	7.7	3.0	10.7	161.6	226.5	388.0	6.6	41.6
Adelaide	151.4	10.0	*	12.4	163.8	199.3	363.1	7.6	45.1
Perth	143.8	8.5	3.5	12.0	155.7	166.4	322.2	7.7	48.3
Hobart	24.3	*	*	1.8	26.0	35.8	61.9	6.8	42.1
Total	1,436.2	83.1	33.0	116.1	1,552.3	1,834.9	3,387.2	7.5	45.8
PERSONS									
Sydney	1,376.3	70.0	14.0	83.9	1,460.2	914.8	2,375.0	5.7	61.5
Melbourne	1,192.4	54.8	16.5	71.3	1,263.7	744.8	2,008.5	5.6	62.9
Brisbane	417.5	23.9	3.9	27.8	445.2	305.0	750.2	6.2	59.4
Adelaide	401.5	26.9	3.3	30.2	431.7	272.3	704.0	7.0	61.3
Perth	371.9	20.4	4.2	24.6	396.5	231.9	628.4	6.2	63.1
Hobart	68.4	4.0	*	4.3	72.7	49.1	121.9	6.0	59.7
Total	3,827.8	199.8	42.4	242.2	4,070.0	2,517.9	6,587.9	6.0	61.8

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16.

\* Subject to sampling variability too high for most practical uses. See paragraph 5, page 21.

TABLE 5. CIVILIAN LABOUR FORCE (a), BY EMPLOYMENT STATUS, BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, MAY 1978

	Employed (a)		Unemployed (a)		Labour force (a)	Unemployment rate (a)	Participation rate (b)
	Full-time (a)	Total	Looking for full-time work	Total			
	- '000 -		- per cent -				
MALES							
Born in Australia	2,647.5	2,805.1	136.2	146.7	2,951.8	5.0	79.0
Born outside Australia	1,020.6	1,058.4	58.6	62.5	1,120.9	5.6	81.9
Italy	..	125.1	..	4.3	129.4	3.4	84.8
Greece	..	62.7	..	6.4	69.0	9.2	84.3
Yugoslavia	..	70.9	..	*	74.7	*	87.4
U.K. and Ireland	..	376.8	..	22.1	398.9	5.5	78.1
New Zealand	..	43.5	..	*	46.1	*	85.5
Other	..	379.5	..	23.2	402.7	5.8	83.3
Arrived before 1961	449.1	465.8	17.5	18.2	484.0	3.8	76.3
1961-1965	156.1	162.6	11.5	12.3	174.9	7.0	86.5
1966-1970	221.3	228.4	15.0	15.9	244.3	6.5	87.6
1971-1976	157.9	163.0	11.0	12.2	175.2	7.0	87.6
Jan. 1977 to May 1978	36.2	38.7	*	*	42.5	*	81.0
MARRIED WOMEN							
Born in Australia	515.2	945.5	26.9	51.4	996.9	5.2	40.1
Born outside Australia	272.0	411.0	22.9	32.5	443.5	7.3	49.1
Italy	..	43.2	..	*	45.9	*	44.8
Greece	..	29.8	..	*	33.2	*	53.6
Yugoslavia	..	33.9	..	*	37.1	*	64.3
U.K. and Ireland	..	149.6	..	9.3	158.9	5.9	46.9
New Zealand	..	12.9	..	*	13.7	*	47.3
Other	..	141.5	..	13.1	154.6	8.5	49.3
Arrived before 1961	95.0	158.2	5.1	8.3	166.5	5.0	41.5
1961-1965	49.6	75.1	*	4.3	79.4	5.4	55.2
1966-1970	62.5	91.0	5.8	7.6	98.6	7.7	54.4
1971-1976	57.3	76.1	6.4	8.6	84.7	10.1	57.4
Jan. 1977 to May 1978	7.6	10.5	*	*	14.3	*	49.0
ALL FEMALES							
Born in Australia	1,030.0	1,587.1	95.4	131.4	1,718.5	7.6	43.5
Born outside Australia	385.8	548.2	41.4	54.8	603.0	9.1	48.4
Italy	..	50.7	..	4.1	54.9	7.6	44.4
Greece	..	34.0	..	4.5	38.4	11.6	51.2
Yugoslavia	..	39.3	..	4.2	43.6	9.7	60.3
U.K. and Ireland	..	207.8	..	19.1	227.0	8.4	45.8
New Zealand	..	25.6	..	*	28.2	*	58.1
Other	..	190.7	..	20.2	210.9	9.6	49.0
Arrived before 1961	125.0	195.6	7.3	11.6	207.3	5.6	38.0
1961-1965	74.9	105.7	5.4	8.1	113.8	7.1	57.2
1966-1970	88.7	121.5	11.4	13.5	135.0	10.0	54.2
1971-1976	79.8	104.2	10.2	13.4	117.6	11.4	59.0
Jan. 1977 to May 1978	17.4	21.2	7.2	8.1	29.3	27.7	55.8
PERSONS							
Born in Australia	3,677.5	4,392.1	231.6	278.1	4,670.2	6.0	60.8
Born outside Australia	1,406.4	1,606.6	100.1	117.2	1,723.8	6.8	66.0
Italy	..	175.8	..	8.5	184.3	4.6	66.7
Greece	..	96.6	..	10.8	107.4	10.1	68.5
Yugoslavia	..	110.2	..	8.1	118.3	6.8	75.0
U.K. and Ireland	..	584.7	..	41.2	625.9	6.6	62.2
New Zealand	..	69.1	..	5.2	74.3	7.0	72.5
Other	..	570.2	..	43.4	613.7	7.1	67.2
Arrived before 1961	574.1	661.4	24.8	29.9	691.3	4.3	58.6
1961-1965	231.0	268.3	16.8	20.4	288.6	7.1	72.0
1966-1970	310.0	349.9	26.4	29.4	379.3	7.8	71.8
1971-1976	237.7	267.2	21.2	25.7	292.9	8.8	73.3
Jan. 1977 to May 1978	53.6	59.8	10.8	11.9	71.7	16.6	68.4

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Excludes persons in institutions. See definition, paragraph 12.

\* Less than 4,000 or based on a figure less than 4,000. See paragraph 5, page 21.

TABLE 6. SEASONALLY ADJUSTED SERIES (a)(b)

Month	Males		Married women		All females		Persons	
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted
EMPLOYED (b) ('000)								
1976 -								
August †	3,836.3	3,849.9	1,337.8	1,344.4	2,061.5	2,076.8	5,897.8	5,922.4
November	3,866.0	3,869.1	1,361.6	1,339.1	2,089.0	2,061.2	5,955.0	5,931.3
1977 -								
February	3,890.2	3,882.3	1,355.5	1,368.1	2,095.1	2,101.9	5,985.2	5,985.7
May	3,891.5	3,882.6	1,382.0	1,385.6	2,132.7	2,138.9	6,024.2	6,022.8
August	3,866.8	3,880.5	1,374.5	1,381.2	2,128.6	2,144.3	5,995.4	6,020.1
November	3,867.3	3,870.1	1,368.9	1,346.4	2,128.2	2,099.6	5,995.4	5,971.2
1978 -								
February (c)	3,857.4	3,850.1	1,320.9	1,333.2	2,074.8	2,082.3	5,932.3	5,934.2
May	3,863.5	3,854.5	1,356.5	1,359.9	2,135.3	2,141.0	5,998.7	5,996.5
LABOUR FORCE (b) ('000)								
1976 -								
August †	3,992.9	4,010.4	1,400.9	1,413.3	2,197.6	2,225.0	6,190.5	6,235.7
November	4,021.2	4,033.7	1,412.9	1,395.0	2,215.3	2,193.9	6,236.5	6,228.1
1977 -								
February	4,076.2	4,046.8	1,438.3	1,439.1	2,281.3	2,262.2	6,357.5	6,308.7
May	4,076.2	4,075.3	1,456.6	1,461.6	2,301.8	2,315.5	6,378.0	6,389.8
August	4,056.9	4,074.5	1,451.2	1,463.9	2,297.8	2,325.9	6,354.7	6,400.7
November	4,050.4	4,063.0	1,436.6	1,418.8	2,291.9	2,270.2	6,342.2	6,334.1
1978 -								
February (c)	4,112.4	4,083.0	1,413.5	1,414.1	2,296.9	2,277.8	6,409.3	6,360.3
May	4,072.6	4,071.7	1,440.4	1,445.3	2,321.4	2,335.2	6,394.0	6,405.6
PARTICIPATION RATE (b) (per cent)								
1976 -								
August †	80.0	80.4	41.5	41.6	43.0	43.4	61.3	61.6
November	80.2	80.5	41.8	41.4	43.2	42.9	61.5	61.6
1977 -								
February	80.9	80.4	42.3	42.3	44.3	44.0	62.4	62.0
May	80.5	80.3	42.8	43.1	44.4	44.6	62.3	62.3
August	79.8	80.3	42.6	42.6	44.2	44.6	61.8	62.1
November	79.3	79.6	42.3	42.0	43.8	43.5	61.4	61.5
1978 -								
February (c)	80.1	79.6	41.5	41.5	43.7	43.4	61.7	61.3
May	78.9	78.7	42.4	42.7	43.9	44.1	61.2	61.2

(a) The methods used to seasonally adjust these figures are explained in *Seasonally Adjusted Indicators, 1978* (1308.0) to be issued shortly. See also paragraphs 31 and 32. (b) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (c) First of monthly series. See paragraph 4 for details of change in timing of the survey.

TABLE 7. CIVILIAN LABOUR FORCE (a), BY AGE, MAY 1978

Age group (years)	Number ('000)				Participation rate (a) (per cent)			
	Males	Married women	All females	Persons	Males	Married women	All females	Persons
15-19	405.5	18.4	373.2	778.7	62.4	48.6	59.7	61.1
20-24	530.5	178.0	403.1	933.7	89.9	56.0	68.2	79.1
25-34	1,077.4	440.3	564.4	1,641.9	96.1	46.6	50.9	73.6
35-44	811.0	406.3	463.0	1,274.0	96.3	56.7	57.4	77.3
45-54	724.5	288.2	349.8	1,074.3	92.3	45.5	46.8	70.1
55-59	290.3	76.7	106.8	397.1	85.0	28.9	30.9	57.8
60-64	164.5	23.6	40.7	205.1	58.9	11.4	13.5	35.3
65 and over	68.9	8.9	20.4	89.3	12.5	3.2	2.7	6.8
Total	4,072.6	1,440.4	2,321.4	6,394.0	78.9	42.4	43.9	61.2

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16.

TABLE 8. LABOUR FORCE PARTICIPATION RATES (a), BY AGE AND BIRTHPLACE, MAY 1978 (Per cent)

Age group (years)	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-19	63.0	60.0	61.6	60.5	59.2	59.9
20-24	90.8	68.4	79.5	90.0	68.1	79.3
25-34	97.0	48.7	72.9	95.8	57.5	76.9
35-44	96.8	55.2	75.6	96.5	62.8	81.4
45-54	92.4	44.5	68.0	93.5	53.8	76.0
55-59	84.6	29.7	56.2	88.1	35.2	63.6
60-64	58.2	13.8	34.9	64.9	12.8	39.1
65 and over	14.2	2.9	7.7	10.2	3.2	6.5
Total	79.0	43.5	60.8	81.9	48.4	66.0

(a) Excludes persons in institutions. See definition, paragraph 12.

TABLE 9. EMPLOYED PERSONS (a); FULL-TIME AND PART-TIME STATUS, BY AGE, MAY 1978 ('000)

	Age group (years)						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Full-time workers (a)	291.5	459.8	1,003.6	768.3	688.6	456.4	3,668.1
Part-time workers (a)	54.2	27.6	30.0	16.6	15.4	51.5	195.4
Total	345.7	487.4	1,033.6	784.9	703.9	507.9	3,863.5
MARRIED WOMEN							
Full-time workers (a)	11.9	132.8	225.9	197.8	161.1	57.9	787.3
Part-time workers (a)	*	30.8	181.6	187.6	118.4	48.0	569.2
Total	14.6	163.6	407.5	385.4	279.5	105.9	1,356.5
ALL FEMALES							
Full-time workers (a)	235.0	313.0	325.6	241.4	206.7	94.1	1,415.8
Part-time workers (a)	73.1	53.6	196.7	197.5	129.7	68.8	719.4
Total	308.1	366.7	522.3	438.9	336.4	162.9	2,135.3
PERSONS							
Full-time workers (a)	526.4	772.8	1,329.2	1,009.6	895.3	550.5	5,083.9
Part-time workers (a)	127.4	81.2	226.7	214.1	145.1	120.3	914.8
Total	653.8	854.1	1,556.0	1,223.8	1,040.3	670.8	5,998.7

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 10. EMPLOYED PERSONS, BY HOURS WORKED (a), MAY 1978

	<i>Males</i>	<i>Married women</i>	<i>Other females (b)</i>	<i>All females</i>	<i>Persons</i>
NUMBER EMPLOYED ('000)					
Weekly hours worked (a) –					
0(c)	232.3	106.4	47.3	153.7	386.0
1–15	113.2	253.6	92.1	345.7	459.0
16–29	190.4	247.1	62.5	309.5	499.9
30–34	309.7	118.3	75.0	193.3	503.0
35–39	454.7	180.6	169.0	349.6	804.2
40	1,266.1	302.9	238.8	541.7	1,807.8
41–44	251.7	41.5	37.9	79.3	331.0
45–48	337.8	33.3	26.1	59.4	397.2
49 and over	707.7	72.9	30.2	103.1	810.7
<b>Total</b>	<b>3,863.5</b>	<b>1,356.5</b>	<b>778.8</b>	<b>2,135.3</b>	<b>5,998.7</b>
WEEKLY HOURS WORKED (a)					
Aggregate weekly hours worked (a) (million)	152.0	37.9	24.8	62.7	214.7
By full-time workers (a)	148.9	29.3	22.8	52.1	201.0
By part-time workers (a)	3.1	8.7	2.0	10.6	13.7
Average weekly hours worked (a)	39.3	28.0	31.8	29.4	35.8
By full-time workers (a)	40.6	37.2	36.3	36.8	39.5
By part-time workers (a)	15.8	15.2	13.0	14.8	15.0
By wage and salary earners	37.6	27.8	31.6	29.3	34.6
By others (d)	47.7	28.6	37.5	29.7	42.5

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. The figures relate to hours worked, not hours paid for. See paragraph 14. (b) Never married, widowed and divorced. (c) Persons who had a job but were not at work. See definition, paragraph 14. (d) Employers; self-employed persons; unpaid family helpers who worked 15 hours or more in the survey week.

TABLE 11. EMPLOYED PERSONS, BY MAJOR AND MINOR OCCUPATION GROUPS (a), MAY 1978  
(<sup>'000</sup>)

<i>Occupation group</i>	<i>Males</i>	<i>Married women</i>	<i>All females</i>	<i>Persons</i>
<b>PROFESSIONAL, TECHNICAL AND RELATED WORKERS</b>	442.4	213.0	357.5	799.9
Architects, engineers and surveyors, professional (b)	58.9	*	*	59.4
Chemists, physicists, geologists and other physical scientists	12.5	*	*	13.6
Biologists, veterinarians, agronomists and related scientists	8.5	*	*	9.8
Medical practitioners and dentists	23.8	*	5.0	28.8
Nurses, including probationers or trainees	10.8	63.2	124.2	135.0
Professional medical workers, n.e.c.	14.1	6.4	11.3	25.4
Teachers	104.0	102.1	145.4	249.4
Clergy and related members of religious orders	8.7	*	*	10.4
Law professionals	12.2	*	*	13.8
Artists, entertainers, writers and related workers	28.7	8.9	16.9	45.7
Draftsmen and technicians, n.e.c. (b)	83.7	9.9	19.7	103.4
<b>ADMINISTRATIVE, EXECUTIVE AND MANAGERIAL</b>	333.2	34.0	43.8	377.0
Administrative and executive officials, government, n.e.c.	13.4	*	*	13.7
Employers, workers on own account, directors, managers, n.e.c.	319.9	33.8	43.5	363.3
<b>CLERICAL</b>	310.9	422.5	726.0	1,037.0
Book-keepers and cashiers	45.9	79.9	124.7	170.6
Stenographers and typists	*	107.1	192.4	192.9
<b>SALES</b>	253.8	168.2	281.3	535.0
Insurance, real estate salesmen, auctioneers and valuers	37.6	*	*	40.9
Commercial travellers and manufacturers agents	50.6	4.4	5.8	56.4
Proprietors and shopkeepers, workers on own account, n.e.c., retail and wholesale trade; salesmen, shop assistants and related workers	165.6	160.8	272.2	437.8
<b>FARMERS, FISHERMEN, TIMBER-GETTERS, ETC.</b>	332.4	68.0	82.0	414.4
Farmers and farm managers	185.1	48.9	54.1	239.2
Farm workers, including farm foremen	123.6	17.5	25.8	149.4
Fishermen and related workers	11.4	*	*	12.2
Timber-getters and other forestry workers	10.2	*	*	10.2
<b>MINERS, QUARRYMEN AND RELATED WORKERS</b>	39.5	*	*	40.3
Miners, mineral prospectors and quarrymen	31.7	*	*	32.5
Mineral treaters	6.0	*	*	6.0
<b>TRANSPORT AND COMMUNICATION</b>	279.0	27.5	44.4	323.4
Drivers and firemen, rail transport	12.2	*	*	12.2
Drivers, road transport	197.2	9.4	13.2	210.4
Inspectors, supervisors, traffic controllers and despatchers, transport	22.8	*	*	23.3
Telephone, telegraph and related telecommunication operators	*	13.1	23.6	26.6
Postmasters, postmen and messengers	25.7	*	5.6	31.3

For footnotes see next page.

TABLE 11. EMPLOYED PERSONS, BY MAJOR AND MINOR OCCUPATION GROUPS (a), MAY 1978 – *continued*  
(‘000)

<i>Occupation group</i>	<i>Males</i>	<i>Married women</i>	<i>All females</i>	<i>Persons</i>
TRADESMEN, PRODUCTION-PROCESS WORKERS AND LABOURERS, N.E.C.	1,657.8	180.5	242.9	1,900.7
Spinners, weavers, knitters, dyers and related workers	9.3	8.7	10.7	20.1
Tailors, cutters, furriers and related workers	20.0	47.3	62.1	82.1
Leather cutters, lasters, sewers (except gloves and garments) and related workers	6.8	7.7	10.5	17.3
Furnacemen, rollers, drawers, moulders and related metal making and treating workers	21.3	*	*	22.8
Precision instrument makers, watchmakers, jewellers and related workers	16.1	*	*	18.3
Toolmakers, metal machinists, mechanics, plumbers and related metal workers	436.0	10.2	13.0	449.0
Electricians and related electrical and electronic workers	162.6	*	*	165.0
Metal workers, metal and electrical production-process workers, n.e.c.	58.6	20.2	25.9	84.6
Carpenters, woodworking machinists, cabinetmakers and related workers	134.8	*	*	138.0
Painters and decorators	55.1	*	*	55.9
Bricklayers, plasterers and construction workers, n.e.c.	139.9	*	*	142.0
Compositors, printing machinists, engravers, bookbinders and related workers	38.8	4.7	8.5	47.3
Potters, kilnmen, glass and clay formers and related workers	8.6	*	*	10.5
Millers, bakers, butchers, brewers and related food and drink workers	97.4	15.9	20.2	117.6
Chemical, sugar and paper production-process workers	22.9	*	*	26.6
Paper products, rubber, plastic and production-process workers, n.e.c.	36.5	14.3	21.2	57.7
Packers, wrappers, labellers	22.1	24.5	32.8	54.9
Stationary engine, excavating and lifting equipment operations	101.7	*	*	101.9
Storemen and freight handlers	114.1	6.2	8.4	122.5
Labourers, n.e.c.	154.7	5.5	9.5	164.2
SERVICE, SPORT AND RECREATION	214.4	242.2	356.6	571.1
Fire brigade, police and other protective service workers	61.4	*	*	62.4
Housekeepers, cooks, maids and related workers	32.6	115.1	161.0	193.6
Waiters, bartenders	21.5	25.2	46.0	67.5
Caretakers, cleaners : buildings	51.0	49.0	57.0	108.0
Barbers, hairdressers and beauticians	7.1	11.4	25.5	32.6
Launderers, dry cleaners and pressers	4.2	11.6	17.0	21.1
Athletes, sportsmen and related workers	6.5	*	*	9.3
<b>TOTAL</b>	<b>3,863.5</b>	<b>1,356.5</b>	<b>2,135.3</b>	<b>5,998.7</b>

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 17. Some minor occupation groups have not been listed separately. (b) Caution should be used in comparing these estimates with results from population censuses which use different coding procedures. For the population censuses, minor occupation group ‘Architects, engineers and surveyors, professional’ was limited solely to persons holding a university degree. Other persons describing themselves in professional terms but not holding a degree were classified to minor group ‘Draftsmen and technicians, n.e.c.’. No such coding rules were possible for the labour force survey.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 12. AVERAGE WEEKLY HOURS WORKED BY EMPLOYED PERSONS,  
BY INDUSTRY AND OCCUPATION (a), MAY 1978

	<i>Males</i>	<i>Married women</i>	<i>Other females (b)</i>	<i>All females</i>	<i>Persons</i>
<b>INDUSTRY</b>					
Agriculture and services to agriculture	50.3	28.2	36.4	29.6	45.5
Forestry, fishing and hunting	37.8	*	*	23.8	35.7
Mining	37.4	*	*	30.7	37.0
Manufacturing	38.8	33.1	35.1	33.7	37.5
Food, beverages and tobacco	36.4	32.0	32.9	32.3	35.3
Metal products, machinery and equipment	39.4	32.9	33.8	33.2	38.5
Other manufacturing	39.2	33.4	35.8	34.0	37.7
Construction	38.1	16.8	34.2	19.3	36.4
Wholesale and retail trade	40.8	29.0	29.3	29.1	35.9
Transport and storage	39.5	26.9	33.8	29.1	38.0
Finance, insurance, real estate and business services	38.5	27.8	33.8	30.7	34.9
Community services	36.8	25.6	32.8	28.3	31.5
Entertainment, recreation, restaurants, hotels and personal services	39.7	26.1	27.0	26.4	32.0
Other industries	34.9	28.3	33.1	30.6	33.8
<b>Total employed</b>	<b>39.3</b>	<b>28.0</b>	<b>31.8</b>	<b>29.4</b>	<b>35.8</b>
<b>OCCUPATION</b>					
Professional, technical, etc.	37.5	25.4	33.8	28.8	33.6
Administrative, executive and managerial	46.1	37.6	44.1	39.0	45.3
Clerical	35.3	27.6	33.1	29.9	31.5
Sales	40.2	29.6	27.2	28.6	34.1
Farmers, fishermen, timber-getters, etc.	47.3	28.4	37.0	29.9	43.8
Transport and communication	39.0	28.3	30.7	29.2	37.7
Tradesmen, production-process workers and labourers, n.e.c.; and miners, quarrymen, etc.	37.9	33.4	34.2	33.6	37.4
Metal and electrical workers	38.3	35.0	35.7	35.1	38.1
Building workers	37.7	25.7	34.9	28.0	37.5
Other tradesmen, etc.	37.7	33.3	33.8	33.4	36.7
Service, sport and recreation	36.6	24.3	27.5	25.3	29.6
<b>Total employed</b>	<b>39.3</b>	<b>28.0</b>	<b>31.8</b>	<b>29.4</b>	<b>35.8</b>

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 17. Figures of hours relate to average weekly hours worked, not hours paid for. See paragraph 14. (b) Never married, widowed and divorced.

\* Based on a figure less than 4,000. See paragraph 5, page 21.

TABLE 13. FULL-TIME WORKERS (a) WHO WORKED LESS THAN 35 HOURS, BY REASON, MAY 1978  
(<sup>000</sup>)

<i>Reason for working less than 35 hours</i>	<i>Males</i>	<i>Married women</i>	<i>Other females (b)</i>	<i>All females</i>	<i>Persons</i>
Leave, holiday or flextime	434.3	104.2	81.2	185.4	619.7
Own illness or injury	138.5	34.0	33.4	67.4	205.9
Bad weather, plant breakdown, etc.	11.8	*	*	*	12.5
Began or left job in the survey week	10.2	4.5	5.4	9.9	20.1
Stood down, on short time, insufficient work	28.2	7.3	*	10.9	39.2
Other reasons	27.1	5.5	*	8.4	35.5
<b>Total</b>	<b>650.2</b>	<b>156.1</b>	<b>126.7</b>	<b>282.8</b>	<b>932.9</b>

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Never married, widowed and divorced.

\* Less than 4,000. See paragraph 5, page 21.



**TABLE 14. PART-TIME WORKERS (a) : WHETHER PREFERRED TO WORK MORE HOURS AND WHETHER LOOKING FOR FULL-TIME WORK, BY AGE, MAY 1978**  
(<sup>000</sup>)

	Age group (years)						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	54.2	27.6	30.0	16.6	15.4	51.5	195.4
Preferred not to work more hours	43.7	22.6	22.7	10.1	13.8	49.2	162.1
Preferred to work more hours	10.5	5.0	7.4	6.5	*	*	33.3
Had actively looked for full-time work (b)	4.8	*	4.3	— 4.0 —		*	16.3
MARRIED WOMEN							
Total	*	30.8	181.6	187.6	118.4	48.0	569.2
Preferred not to work more hours	*	24.8	156.0	169.2	110.7	46.4	508.8
Preferred to work more hours	*	6.0	25.6	18.4	7.7	*	60.4
Had actively looked for full-time work (b)	*	— 5.4 —		— 4.2 —		*	10.3
ALL FEMALES							
Total	73.1	53.6	196.7	197.5	129.7	68.8	719.4
Preferred not to work more hours	56.7	43.5	168.0	177.0	120.3	66.3	631.8
Preferred to work more hours	16.5	10.1	28.7	20.6	9.3	*	87.7
Had actively looked for full-time work (b)	5.6	*	5.3	4.0	*	*	19.2
PERSONS							
Total	127.4	81.2	226.7	214.1	145.1	120.3	914.8
Preferred not to work more hours	100.4	66.1	190.7	187.1	134.2	115.5	793.8
Preferred to work more hours	27.0	15.1	36.0	27.1	10.9	4.8	121.0
Had actively looked for full-time work (b)	10.4	5.7	9.6	7.3	*	*	35.5

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Had actively looked for full-time work in the four weeks up to the end of the survey week.

\* Less than 4,000. See paragraph 5, page 21.

**TABLE 15. EMPLOYED MARRIED WOMEN, BY INDUSTRY (a) AND HOURS WORKED (b), MAY 1978**  
(<sup>000</sup>)

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 17. (b) Hours worked in the survey week. See definition, paragraph 14.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 16. UNEMPLOYED PERSONS (a), BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, MAY 1978

	Number unemployed ('000)					Unemployment rate (a) (per cent)				
	Married males	All males	Married females	All females	All persons	Married males	All males	Married females	All females	All persons
LOOKING FOR FULL-TIME WORK										
Total	76.8	194.8	49.8	136.8	331.6	2.8	5.0	5.9	8.8	6.1
Aged 15-19 years	*	50.5	*	53.9	104.4	*	14.8	*	18.7	16.5
Looking for first job (a)	*	18.0	*	23.9	41.8	..	..	..	..	..
Not looking for first job	*	32.5	*	30.0	62.6	..	..	..	..	..
Attending school	*	*	*	5.1	8.9	..	..	..	..	..
Aged 20 years and over	76.2	144.3	47.2	82.9	227.2	2.8	4.1	5.7	6.6	4.7
20-24 years	9.4	41.6	11.1	31.3	72.9	6.0	8.3	7.7	9.1	8.6
25-34 years	22.8	42.0	17.5	26.0	68.0	2.8	4.0	7.2	7.4	4.9
35-44 years	44.0	25.9	12.5	14.8	40.7	2.5	3.3	5.9	5.8	3.9
45-54 years		20.5	4.7	7.9	28.4		2.9	2.8	3.7	3.1
55 years and over		14.2	*	*	17.2		3.0	*	*	3.0
LOOKING FOR PART-TIME WORK										
Total	*	14.4	34.1	49.3	63.7	*	6.8	5.6	6.4	6.5
Aged 15-19 years	*	9.3	*	11.2	20.5	*	14.6	*	13.3	13.9
Attending school	*	7.6	*	6.8	14.5	..	..	..	..	..
Aged 20 years and over	*	5.1	32.9	38.1	43.2	*	3.5	5.5	5.6	5.2
20-24 years	*	*	*	5.2	6.7	*	*	*	8.8	7.6
25-34 years	*	*	15.3	16.1	17.9	*	*	7.7	7.6	7.3
35-44 years	*	*	8.4	9.3	9.5	*	*	4.3	4.5	4.2
45-54 years	*	*	4.0	5.5	5.7	*	*	3.3	4.1	3.8
55 years and over	*	*	*	*	*	*	*	*	*	*
TOTAL										
Total	79.3	209.1	83.9	186.2	395.3	2.8	5.1	5.8	8.0	6.2
Aged 15-19 years	*	59.8	*	65.1	124.9	*	14.7	*	17.4	16.0
Attending school	*	11.4	*	11.9	23.3	..	..	..	..	..
Aged 20 years and over	78.7	149.4	80.1	121.1	270.4	2.8	4.1	5.6	6.2	4.8
20-24 years	9.5	43.1	14.4	36.4	79.6	5.9	8.1	8.1	9.0	8.5
25-34 years	24.0	43.8	32.8	42.1	85.9	2.8	4.1	7.4	7.5	5.2
35-44 years	20.6	26.1	20.9	24.2	50.2	2.9	3.2	5.1	5.2	3.9
45-54 years	13.6	20.6	8.7	13.5	34.0	2.1	2.8	3.0	3.8	3.2
55 years and over	11.0	15.8	*	4.9	20.7	2.4	3.0	*	2.9	3.0

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16.

\* Less than or based on a figure less than 4,000. See paragraph 5, page 21.

TABLE 17. UNEMPLOYED PERSONS (a), BY AGE, STATES, MAY 1978 ('000)

Age group (years)	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia (b)
MALES							
15-19	17.9	12.6	11.4	8.5	4.4	2.8	59.8
20-34	28.4	17.7	18.3	9.5	7.7	2.5	86.9
35 and over	25.7	15.4	10.1	5.5	4.1	*	62.4
Total	72.0	45.6	39.9	23.5	16.2	6.5	209.1
FEMALES							
15-19	22.7	16.0	10.5	6.4	6.4	1.9	65.1
20-34	29.0	21.6	11.5	7.2	6.3	1.9	78.6
35 and over	13.5	16.4	4.7	3.0	3.7	*	42.5
Total	65.2	54.0	26.8	16.7	16.3	4.3	186.2
PERSONS							
15-19	40.6	28.5	22.0	14.9	10.8	4.7	124.9
20-34	57.4	39.3	29.8	16.8	14.0	4.4	165.5
35 and over	39.2	31.8	14.8	8.5	7.8	1.8	104.9
Total	137.2	99.6	66.6	40.2	32.6	10.8	395.3

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Includes the Northern Territory and the Australian Capital Territory.

\* Subject to sampling variability too high for most practical uses. See paragraph 5, page 21.

TABLE 18. UNEMPLOYED PERSONS (a), BY AGE AND BIRTHPLACE, MAY 1978

Age group (years)	Number unemployed ('000)			Unemployment rate (a) (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
15-19	49.3	54.7	104.0	14.1	17.1	15.5
20 and over	97.4	76.6	174.0	3.7	5.5	4.4
20-24	33.5	27.7	61.2	7.8	8.4	8.0
25-34	29.2	27.1	56.3	3.7	6.9	4.8
35 and over	34.6	21.9	56.5	2.5	3.2	2.7
Total	146.7	131.4	278.1	5.0	7.6	6.0
BORN OUTSIDE AUSTRALIA						
15-19	10.5	10.3	20.9	19.2	19.7	19.4
20 and over	52.0	44.4	96.4	4.9	8.1	6.0
20-24	9.6	8.7	18.3	9.6	12.1	10.6
25-34	14.6	15.1	29.6	5.0	8.8	6.4
35 and over	27.8	20.6	48.4	4.1	6.7	4.9
Total	62.5	54.8	117.2	5.6	9.1	6.8

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16.

TABLE 19. UNEMPLOYED PERSONS, BY INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB (a), MAY 1978

Industry division or sub-division	Unemployment		Occupation group	Unemployment	
	Total ('000)	rate (a) (per cent)		Total ('000)	rate (a) (per cent)
Had worked for two weeks or more in a full-time job in the last two years	266.3	4.3	Had worked for two weeks or more in a full-time job in the last two years	266.3	4.3
Agriculture and services to agriculture	14.9	4.1	Professional, technical, etc.	16.0	2.0
Manufacturing	73.6	5.6	Administrative, executive and managerial	4.5	1.2
Food, beverages and tobacco	16.9	7.8	Clerical	30.5	2.9
Metal products, machinery and equipment	11.7	5.3	Sales	29.9	5.3
Other manufacturing	45.0	5.2	Farmers, fishermen, timber-getters, etc.	21.0	4.8
Construction	29.1	5.6	Miners, quarrymen, etc.	*	*
Wholesale and retail trade	62.2	4.8	Transport and communication	13.3	3.9
Transport and storage	11.1	3.4	Tradesmen, production-process workers and labourers, n.e.c.	116.6	5.8
Finance, insurance, real estate and business services	11.2	2.3	Metal and electrical workers	25.7	3.4
Community services	24.1	2.6	Building workers	19.3	5.4
Entertainment, recreation, restaurants, hotels and personal services	23.3	5.9	Other tradesmen, etc.	71.7	7.8
Other industries	16.9	2.6	Service, sport and recreation	32.6	5.4
Other (b)	129.0	..			
Total	395.3	6.2			

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 17. (b) Had never worked for two weeks or more in a full-time job or had not done so in the last two years. Industry and occupation were not obtained for these persons.

\* Less than or based on a figure less than 4,000. See paragraph 5, page 21.

TABLE 20. UNEMPLOYED PERSONS (a), BY DURATION OF UNEMPLOYMENT (b), BY AGE, ETC., MAY 1978

Duration of unemployment (weeks) (b)	Age (years)			Married	Not married (c)	Looking for -		Total
	15-19	20-24	25 and over			Full-time work	Part-time work	
MALES								
Number unemployed ('000) -								
Under 2	5.7	*	9.1	6.2	11.5	14.8	4.8	17.7
2 and under 4	7.1	7.0	10.9	10.1	15.0	23.1		25.0
4 and under 8	7.9	7.7	13.8	11.5	17.9	27.4	4.5	29.4
8 and under 13	9.0	6.1	10.6	7.7	18.0	23.2		25.7
13 and under 26	18.9	8.0	21.8	15.8	32.8	45.4		48.6
26 and under 39	5.0	5.4	13.6	9.3	14.7	23.4	4.1	24.0
39 and under 52	6.2	6.2	5.5	4.5	4.8	9.1		9.3
52 and under 65			7.1	4.3	6.0	10.1	*	10.3
65 and over			13.8	9.9	9.2	18.3	*	19.1
Total	59.8	43.1	106.2	79.3	129.8	194.8	14.4	209.1
Average duration of unemployment	18.6	19.6	30.3	27.5	23.1	25.4	16.6	24.8
FEMALES								
Number unemployed ('000) -								
Under 2	4.7	4.0	12.1	12.9	7.8	11.2	9.5	20.7
2 and under 4	6.6	5.0	13.7	13.9	11.4	15.9	9.5	25.3
4 and under 8	8.4	6.7	10.0	13.2	12.0	18.6	6.6	25.2
8 and under 13	6.8	4.4	11.4	10.7	11.9	16.5	6.1	22.6
13 and under 26	22.5	5.9	16.5	16.1	28.8	35.0	9.9	45.0
26 and under 39	8.5	5.0	6.4	5.1	12.3	14.4		17.4
39 and under 52	7.4	5.5	*	5.5	*	*	5.2	4.4
52 and under 65			5.2	5.6	8.0		9.4	
65 and over			7.4	6.4	9.8	13.6	*	16.2
Total	65.1	36.4	84.6	83.9	102.3	136.8	49.3	186.2
Average duration of unemployment	21.4	23.2	22.6	19.5	24.6	24.6	16.0	22.3
PERSONS								
Number unemployed ('000) -								
Under 2	10.4	6.8	21.2	19.1	19.2	26.0	12.4	38.4
2 and under 4	13.8	12.0	24.6	24.0	26.4	39.0	11.4	50.4
4 and under 8	16.4	14.4	23.8	24.7	29.9	46.0	8.6	54.6
8 and under 13	15.8	10.5	22.0	18.4	29.9	39.7	8.6	48.3
13 and under 26	41.4	13.8	38.3	32.0	61.6	80.4	13.2	93.6
26 and under 39	12.2	9.3	20.0	14.4	27.1	37.8	4.6	41.4
39 and under 52	*	6.6	7.4	6.3	7.4	12.7		13.7
52 and under 65	4.1		12.3	8.1	11.6	18.1	5.0	19.7
65 and over	7.9		21.2	16.3	19.1	31.9		35.3
Total	124.9	79.6	190.8	163.2	232.1	331.6	63.7	395.3
Average duration of unemployment	20.1	21.3	26.9	23.4	23.8	25.0	16.1	23.6

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Period from the time the person began looking for work, or was laid off, to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. (c) Never married, widowed and divorced.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 21. UNEMPLOYED PERSONS, BY INDUSTRY OF LAST FULL-TIME JOB, OCCUPATION OF LAST FULL-TIME JOB AND DURATION OF UNEMPLOYMENT (a), MAY 1978  
(<sup>'000</sup>)

	Duration of unemployment (b) (weeks)							Total
	Under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and under 65	65 and over	
Had worked for two weeks or more in a full-time job in the last two years	65.4	42.6	36.0	57.5	29.1	23.7	12.0	266.3
Industry division –								
Manufacturing	19.0	9.9	9.8	15.0	8.1	7.8	4.0	73.6
Construction	5.5	5.9	4.7	5.8	6.5	—	*	29.1
Wholesale and retail trade	14.1	9.0	8.6	14.9	6.5	5.4	*	62.2
Finance, insurance, real estate and business services	—	5.1	—	5.3	—	*	*	11.2
Community services	7.2	4.2	4.2	5.0	*	*	*	24.1
Entertainment, recreation, restaurants, hotels and personal services	6.5	—	6.3	4.9	—	4.7	*	23.3
Other industries	9.7	8.2	4.5	10.0	4.8	—	5.5	42.8
Occupation group (b) –								
Professional, technical, etc.	5.5	—	4.7	—	4.5	*	*	16.0
Clerical	9.0	5.1	5.1	7.1	—	4.2	—	30.5
Sales	7.1	*	4.0	6.8	—	6.6	*	29.9
Farmers, fishermen, etc.	5.2	—	6.2	5.3	—	4.3	—	21.0
Transport and communication	—	4.7	—	4.2	—	4.3	—	13.3
Tradesmen, production-process workers and labourers, n.e.c.	26.8	18.6	14.4	24.0	13.9	12.8	6.1	116.6
Metal and electrical workers	6.0	4.0	*	5.5	—	5.7	*	25.7
Building workers	4.7	4.2	—	6.5	—	4.0	—	19.3
Other tradesmen, etc.	16.1	10.4	8.7	15.1	8.9	8.9	*	71.7
Service, sport and recreation	8.6	6.2	4.2	7.1	—	5.6	*	32.6
Other (c)	23.3	12.0	12.3	36.1	12.3	9.6	23.4	129.0
Total	88.7	54.6	48.3	93.6	41.4	33.4	35.3	395.3

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 17. See footnote (b) to Table 20. Duration of unemployment is not available for all industry divisions or occupational groups because of the high standard error of the estimates. (b) Excludes administrative, executive and managerial workers; and miners, quarrymen and related workers. (c) Had never worked for two weeks or more in a full-time job or had not done so in the last two years. Industry and occupation were not obtained for these persons.

\* Less than 4,000. See paragraph 5, page 21.

TABLE 22. PERSONS NOT IN THE LABOUR FORCE (a), BY AGE AND MARITAL STATUS, ETC., MAY 1978

	Married males	Other males (b)	All males	Married women	Other females (b)	All females	Persons	Per cent of population (c)
	– '000 –						– per cent –	
Age (years)								
15-19	*	244.1	244.8	19.4	232.5	251.9	496.7	38.9
20-24	5.3	54.2	59.5	139.8	48.1	187.9	247.3	20.9
25-34	21.2	22.1	43.3	503.6	40.8	544.4	587.6	26.4
35-44	19.8	11.4	31.2	310.2	32.9	343.1	374.3	22.7
45-54	42.0	18.5	60.5	345.7	51.5	397.1	457.6	29.9
55-59	40.0	11.5	51.4	188.8	50.3	239.0	290.4	42.2
60-64	93.0	21.7	114.7	183.1	78.0	261.1	375.9	64.7
65 and over	355.1	126.7	481.8	268.2	471.8	740.1	1,221.9	93.2
Total	577.0	510.1	1,087.2	1,958.7	1,005.8	2,964.5	4,051.7	38.8
Permanently unable to work	..	..	23.2	..	..	16.0	39.1	..
In institutions	..	..	54.4	..	..	94.6	149.1	..
Aged 15-20 years attending school	..	..	198.0	..	..	168.0	366.0	..

(a) For scope of estimates see paragraph 5. For definitions see paragraphs 6 to 16. (b) Never married, widowed and divorced. (c) Persons not in the labour force as a percentage of the civilian population in the same group.

\* Less than 4,000. See paragraph 5, page 21.

## TECHNICAL NOTE

### Estimation procedure

The estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

### Reliability of the estimates

2. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. Space does not allow for the separate indication of the standard errors of all estimates in this bulletin. Standard errors for the latest month are shown in Table 1. Standard errors for general application are shown in Table A, page 22. Because of the reduction in the sample size for November 1977 (see paragraph 27, page 4 of the February 1978 issue of this bulletin), the standard errors for all November estimates except those for unemployed persons looking for full-time work are approximately 15 per cent higher than those shown.

4. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

5. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this bulletin, estimates below the levels shown in Table A have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

6. As indicated in paragraph 2 the movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the standard error of the level of the estimate, rather than on the movement itself. An indication of the magnitude of standard errors of monthly movements in the Australian estimates is given in Table B on page 22. This table can also be used as a guide to standard errors of monthly movements in estimates for the States and Territories. The estimates of standard error of monthly

movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive years, or between two other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements were published in the Technical Note in the February 1978 issue of this bulletin.

7. Examples of the calculation and use of standard errors are given below :

- (a) The estimated number of employed females in May 1978 is 2,135,300. From Table A it will be seen that the estimate has a standard error of about 11,000 and therefore there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 2,124,300 to 2,146,300 and about nineteen chances in twenty that the value will fall within the range 2,113,300 to 2,157,300.
- (b) The estimate of movement in the number of employed females from April to May 1978 is a decrease of 800. As Table B relates the standard error of the monthly movement to the standard error of the larger of the two estimates from which the movement was derived, there are two steps involved in calculating the standard error of this monthly movement.
  - (i) Calculate the standard error of the larger of the two estimates by using Table A, and
  - (ii) Calculate the standard error of the monthly movement by using Table B and the result of (i).

The larger of the two estimates of employed females for April and May is that for April (2,136,100). The standard error of this estimate is about 11,000. Use of this figure and Table B indicates that the standard error of the monthly movement (-800) is about 7,000. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range -7,800 to +6,200 and about nineteen chances in twenty that it would have been within the range -14,800 to +13,200.

8. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories.

9. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the per cent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerators can be obtained from Table A.

10. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any

enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A  
STANDARD ERRORS OF ESTIMATES

Size of estimate (persons)	N.S.W. No.	Vic. No.	Qld No.	S.A. No.	W.A. No.	Tas. No.	N.T. No.	A.C.T. No.	Australia	
									No.	Per cent of estimate
1,500						250	300	300		
2,000					400	250	350	350		
2,500				500	450	250	400	400		
3,000			600	500	450	300	400	450		
4,000	900	900	700	500	500	300	450	550	800	20.0
5,000	1,000	1,000	750	550	550	350	500	600	900	18.0
10,000	1,300	1,300	900	800	700	400	650	800	1,200	12.0
20,000	1,600	1,600	1,200	1,100	1,000	400	900	1,050	1,600	8.0
50,000	2,500	2,500	1,500	1,500	1,500	500	1,300	1,500	2,300	4.6
100,000	3,000	3,000	2,000	2,000	2,000	600		2,000	3,000	3.0
200,000	4,000	4,000	2,000	2,000	2,000				4,000	2.0
300,000	5,000	5,000	2,500	2,600	2,400				5,000	1.7
500,000	6,000	6,000	3,000	3,200	3,000				6,000	1.2
1,000,000	8,000	8,000	3,700						8,000	0.8
2,000,000	10,500	10,500							10,000	0.5
5,000,000									15,500	0.3

--- Estimates below the levels indicated have not been published — see paragraph 5, page 21.

TABLE B — STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

Standard error of larger estimate	N.S.W. and Vic.	Qld, S.A. and W.A.	Tas., N.T. and A.C.T.	Australia
300			250	
400		500	300	
500		600	350	600
1,000	1,000	1,000	600	1,200
1,500	1,500	1,300	800	1,600
2,000	1,800	1,600	1,000	2,000
2,500	2,100	1,900		2,500
3,000	2,500	2,100		2,800
4,000	3,100	2,400		3,500
5,000	3,600	2,800		4,200
6,000	4,000			4,800
8,000	4,800			5,800
10,000	5,400			6,600
15,000				8,400

## POPULATION SURVEY REPORTS

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. Copies of the following publications are available free on request.

<i>Title</i>	<i>Catalogue No.</i>
Alcohol and Tobacco Consumption Patterns, February 1977 (Preliminary)	4308.0
Annual Leave, August 1974	6317.0
Assisted and Unassisted Migrants, August 1972	3406.0
Australian Ex-service Personnel, Survey of, November 1966	4403.0
Ex-service Personnel, Widows and Children, November 1971	4403.0
Child Care –	
May 1969; May 1973; May 1977	4402.0
Chronic Illnesses, Injuries and Impairments –	
May 1968; May 1974	4305.0
Evening and Night Work, November 1976	6329.0
Family Status and Employment Status of the Population, November 1974 and November 1975	6223.0
Frequency of Pay –	
August 1974; August 1976; August 1977	6320.0
Income Distribution, 1968-69 (Consolidated and Revised Edition)	6505.0
Income Distribution, 1973-74 –	
Part 1	6502.0
Part 2	6503.0
Part 3 (Supplementary Tables)	6504.0
Internal Migration –	
1969-70 to 1972-73 (annually); Twelve months ended April 1972, 1973 and 1974; December 1974; January 1977	3408.0
Job Tenure –	
February 1974; February 1975; August 1976	6211.0
Journey to Work and Journey to School –	
May 1970; August 1974	9205.0
Labour Force Experience –	
During 1968; During 1972; During 1974; During 1975; During 1976	6206.0
Labour Force Status and Other Characteristics of Families, November 1974	6224.0
Labour Mobility –	
November 1972; February 1975; February 1976	6209.0
Leavers from Schools, Universities and Other Educational Institutions, Survey of –	
February 1964, 1965, 1966 and 1967	6227.0
February 1968, 1969 and 1970; February 1971 to February 1974 (Annually); May 1975; May 1976; August 1977	6227.0
Migrants in the Labour Force	6230.0
Multiple Jobholding –	
November 1965; August 1966; August 1967; May 1971; August 1973; August 1975; August 1977	6216.0
Non-School Study Courses, Survey of, August 1968	Not listed
Persons Covered by Hospital and Medical Expenditure Assistance Schemes, August 1972	4303.0
Persons Aged 15 to 64 Years : Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force –	
November 1975; May 1977	6220.0
Persons Looking for Work –	
May 1976; November 1976; May 1977	6222.0
School Leavers, 1970 to 1974 : Their Employment Status and Education Experience in May 1975	6226.0
Superannuation, Survey of –	
Victoria, May 1968	Not listed
February 1974	6319.0
The Labour Force : Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976	6325.0
Weekly Earnings of Employees (Distribution) –	
August 1975; August 1976; August 1977	6310.0
Work Patterns of Employees, November 1976	6328.0